


TEREZ ABS 3320 A UV

ABS

Ter Plastics

Product Texts

 Rapid flowing ABS with high impact strength, antistatic agent and UV stabilizer
 For all kind of injection moulding thin-walled parts

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	34	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2300	MPa	ISO 527-1/-2
Tensile Strength	60	MPa	ISO 527-1/-2
Yield stress	44	MPa	ISO 527-1/-2
Yield strain	2.4	%	ISO 527-1/-2
Strain at break	12	%	ISO 527-1/-2
Charpy impact strength (+23°C)	125	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	19	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	94	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	99	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	95	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 60093
Other properties			
ISO Data			
Water absorption	0.95	%	Sim. to ISO 62
Humidity absorption	0.24	%	Sim. to ISO 62
Density	1040	kg/m ³	ISO 1183

Characteristics
Processing

Injection Molding

Special Characteristics

Anti-static

Delivery form

Pellets

Applications

 Building Construction, IT / Business Machine, Electrical and
 Electronical, Encapsulation